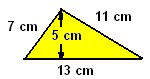
**Area, Surface Area and Volume**

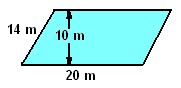
|  |  |
| --- | --- |
| **Shape** | **Formula** |
| Rectangle | A = l x w, P = 2l + 2 w |
| Parallelogram | A = bh |
| Triangle | A = ½ bh |
| Trapezoid | A = (b1 + b2/2)x h  SA = a + b1 + b2 + c |
| Cylinder | V = πr2h SA = 2πrh + 2pr2 |
| Rectangular solid | V = lwh  SA = 2lw + 2lh + 2wh |
| Prisms | V = b x h SA = 2b (area of base) + Ph (perimeter of base) |

**Practice Problems**

Find the area of the triangle shown.



Find the area of the parallelogram shown.



Find the area of the trapezoid shown.

